



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the PATENT APPLICATION of:

De et al.

Application No.: 10/080,140

Our File: I-2-0173.4US

Confirmation No.: 9170

Date: August 5, 2002

Filed: 2/21/2002

For: SINGLE USER DETECTION USER  
EQUIPMENT

RECEIVED

Group: 2681

AUG 13 2002

Examiner: Not Yet Known

Technology Center 2600

COPY OF PAPER  
ORIGINALLY FILED

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56,  
Applicants wish to bring to the Examiner's attention the material cited on the enclosed  
PTO-1449 form.

It is respectfully requested that the Examiner consider these documents and  
return an initialed copy of the PTO-1449 form indicating his consideration of the cited  
materials.

Respectfully submitted,

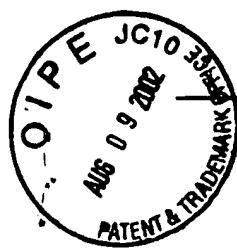
De et al.

By

Jeffrey M. Glabicki

Registration No. 42,584  
(215) 568-6400

Volpe and Koenig, P.C.  
Suite 400, One Penn Center  
1617 John F. Kennedy Boulevard  
Philadelphia, PA 19103  
JMG/jrd  
Enclosures



Sheet 1 of 1

**U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
I-2-0173.4US

SERIAL NO.  
10/080.140

**APPLICANT**  
De et al.

FILING DATE

GROUP  
2681

## U.S. PATENT DOCUMENTS

RECEIVED

~~AUG 13 2002~~

Technology Center 2600

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

AG	<p>Benvenuto N. et al. "Joint Detection With Low Computational Complexity For Hybrid TD-CDMA Systems" VTC 1999-Fall. IEEE VTS 50th. Vehicular Technology Conference. Gateway to the 21st Century Communications Village. Amsterdam, Sept. 19-22, 1999, IEEE Vehicular Technology Conference, NY</p>
AH	<p>Vandaele P. et al. "Recursive Total Least Squares Algorithm for Single-User Blind Channel Equalisation: IEE Proceedings: Vision, Image and Signal Processing, Institution of Electrical Engineers, FB, Vol 147, No. 3, 23 June 2000</p>
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



SEARCHED  
INDEXED  
FILED  
JULY 2002  
U.S. PATENT & TRADEMARK OFFICE

GP26811  
8/2002

Please type a plus sign (+) inside this box →

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number

10/080,140

Filing Date

2/21/2001

RECEIVED

First Named Inventor

De et al.

AUG 13 2002

Group Art Unit

2681

Technology Center 2600

Examiner Name

Not Yet Known

Attorney Docket Number

I-2-0173.4US

### ENCLOSURES (check all that apply)

- Fee Transmittal Form
- Fee Attached
- Amendment / Reply
- After Final
- Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s) \_\_\_\_\_

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s) (please identify below):

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jeffrey M. Glabicki Volpe and Koenig, P.C.	Reg. No. 42,584
Signature		
Date	August 5, 2002	

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

August 5, 2002

Typed or printed name	Jeffrey M. Glabicki
Signature	
Date	August 5, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

